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more obtuse and very much less inclined, so as apparently to indicate a longer snout in the extinct animal. The anterior or gingival border is thick and rough as in other ruminants.

The small portion of the maxillary bone presents the remains of an alveolus, separated from the tooth of the intermaxillary by an interval, with a curved, acute margin, an inch and three-quarters long. The great distance of this alveolus from the tooth in advance, when compared with the condition of things in the Camel and Lama, arises from the great degree of extension backward and near the palate of the fang of the first functional canine.

The maxillo-intermaxillary suture, at the side of the fossil, descends, as usual, parallel with the nasal border of the intermaxillary bone, and, after reaching the palatal surface is directed in a curved line forward and inward, reaching as far as the posterior third of the position of the first tooth.

From this description it is evident the fossil indicates a distinct species of the camel tribe, and as it appears generically distant from the Camel and Lama, the name of *Camelops Kansanus* would not be inappropriate for it.

ELECTION.

Dr. Isaac A. Pennypacker, and Emile Geylin, Esq., of Philadelphia, and Eugene Borda, Esq., of Schuylkill Co., Pa., were elected *Members*; and Dr. Hiram A. Prout, of St. Louis, and Mr. Henry Pratt^{en}, of New Harmony, Indiana, were elected *Correspondents*.

October 3d.

Vice President LEA in the Chair.

A paper was presented by Mr. James D. Dana, intended for publication in the Proceedings, entitled "Catalogue and descriptions of Crustacea collected in California by John Le Conte, M.D.," which was referred to Dr. Le Conte, Dr. Bridges and Prof. Haldeman.

October 10th.

Vice-President BRIDGES in the Chair.

Letters were read:—

From the Trustees of the New York State Library, dated Albany, October 7, 1854, acknowledging the receipt of the last No. of the Proceedings.

From the California Academy of Natural Sciences, dated San Francisco, Sept. 22, 1854, transmitting the first No. of the Bulletin of that Society, and requesting exchange.

Mr. Cassin presented a paper for publication, entitled "Additions to North American Ornithology, by A. L. Heermann, M.D." Referred to Mr. Cassin, Col. McCall and Dr. Wilson.

October 17th.

The President, Mr. ORD, in the Chair.

A letter was read from the Lyceum of Natural History of New York, dated October 10, 1854, acknowledging the receipt of the Proceedings of the Academy, vol. 7, No. 4.

Also a note from Prof. Dunglison, dated Philadelphia, October 9, 1854, transmitting the donations to the library from Prof. Brücke, of Vienna, announced this evening.

The following papers intended for publication in the Journal, were presented, viz., "Descriptions of Fishes of South Carolina, by J. E. Holbrook, M. D." Referred to Dr. Hallowell, Mr. Vaux, and Mr. Cassin.

"Plantæ Heermannianæ Californicæ; descriptions of New Plants collected in South California, by Dr. A. L. Heermann, Naturalist attached to the survey of the Pacific R. R. route, under Lieut. R. J. Williamson, U. S. A.; with remarks on other plants, heretofore described, belonging to the same collection. By E. Durand and Theodore Hilgard, M. D." Referred to Maj. Le Conte, Dr. Bridges and Dr. Zantzinger.

The following papers intended for publication in the Proceedings, were presented:

"Observations on the *Vespertilio leporinus*, Linn., by John Le Conte;" and

"Descriptions of four new species of *Kinosternum*, by John Le Conte;" both of which were referred to Dr. Bridges, Mr. Cassin and Col. McCall.

"On *Urnatella gracilis*, and a new species of *Plumatella*, by Joseph Leidy, M. D." Referred to Dr. Bridges, Dr. Zantzinger and Dr. Rand.

"Notices of new Reptiles from Texas, by Edward Hallowell, M.D." Referred to Dr. Le Conte, Dr. Leidy, and Col. McCall.

October 24th.

Vice-President BRIDGES in the Chair.

A letter was read from Mr. S. Drinker, dated Canton, May 24th, 1854, transmitting donations to the Museum of the Academy.

A letter from Mr. Henry Pratten, dated New Harmony, Indiana, Oct. 14, 1854, acknowledging the receipt of his notice of election as a Correspondent.

A letter from Prof. J. P. Kirtland, dated East Rockport, Ohio, transmitting a collection of Reptiles from that State.

A letter from the Royal Academy of Sciences of Belgium, dated Brussels, 12th October, 1854, acknowledging the receipt of late Nos. of the Proceedings and Journal.

Mr. Joseph Jones, of Georgia, read a paper, intended for publication in the Proceedings, entitled: "Abstract of experiments upon the physical influences exerted by living organic and inorganic membranes upon chemical substances passing through them by endosmosis," which was referred to Dr. Leidy, Dr. Carson and Dr. Bridges.

Major Le Conte stated that having visited, during the last spring, an island on the coast of Georgia, known as Colonel's Island, he had been enabled to procure from the original locality authentic specimens of *Magnolia pyramidata*, mentioned in Bartram Travels, p. 5. On comparison with other specimens, he is convinced that it is merely a variety of *M. grandiflora*; which varies in the